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(12) **United States Patent**  
**Laughlin**

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(54) **SYSTEM FOR AUTOMATICALLY COATING  
THE HUMAN BODY**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-  
claimer.

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#### Related U.S. Application Data

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now Pat. No. 5,922,333.

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A61K 6/00; A61K 7/42**

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424/59**

(58) Field of Search ..... **132/200, 333;  
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597, 603; 601/160; 600/21; 119/604, 671**

(56) **References Cited**

#### U.S. PATENT DOCUMENTS

**6,199,557 \* 3/2001 Laughlin ..... 132/200**

\* cited by examiner

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(57) **ABSTRACT**

In a system for coating human skin, a chemical composition,  
such as a cosmetic or medical formulation, is uniformly  
coated over the entire body or selected parts of the body of  
the person being coated. The system includes atomization of  
the coating composition, containment of the atomized spray,  
and residual recovery which together yield a novel method  
for applying chemical compositions.

**8 Claims, 7 Drawing Sheets**

